

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/563,199
Source: FWP
Date Processed by STIC: 1/9/07

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 01/09/2007

PATENT APPLICATION: US/10/563,199

TIME: 09:17:39

Input Set : A:\ERP02.001APC1 SEQLIST.txt

Output Set: N:\CRF4\01092007\J563199.raw

```

4 <110> APPLICANT: Brownlie, Joyn
5     Chalker, Victoria Jane
6     Erles, Kerstin
8 <120> TITLE OF INVENTION: VACCINE COMPOSITION FOR VACCINATING DOGS
9     AGAINST CANINE INFECTIOUS RESPIRATORY DISEASE (CIRD)
12 <130> FILE REFERENCE: ERP02.001APC1
14 <140> CURRENT APPLICATION NUMBER: US 10/563,199
15 <141> CURRENT FILING DATE: 2006-01-03
17 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/002865
18 <151> PRIOR FILING DATE: 2004-07-01
20 <150> PRIOR APPLICATION NUMBER: GB 0315326.6
21 <151> PRIOR FILING DATE: 2003-07-01
23 <160> NUMBER OF SEQ ID NOS: 10
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 218
29 <212> TYPE: DNA
30 <213> ORGANISM: Chlamidophila
32 <400> SEQUENCE: 1
33 agtgggtctcc ccagattcag actaggtttc acgtgcctag cctactcag gtatcgaata 60
34 gagtctcttg ttttttcgtc tacgggacta tcacctgta tcgttctact ttccagaagt 120
35 attcgactaa aacttaagat cccatgttat cgaccctaca accccacatt aaaaatgtgg 180
36 tttggtcttc tcccctttcg ctgcgcgcta cacagggg          218
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 221
40 <212> TYPE: DNA
41 <213> ORGANISM: Chlamydomphila
43 <400> SEQUENCE: 2
44 gacagtggtc tccccagatt cavactaggt ttcacgtgtc tagccctact caggtatcga 60
45 atagagtctc ttgttttttc gtctacggga ctatcaccct gtatcgttct actttccaga 120
46 agtattcgac taaaacttaa gatcccatgt tatcgaccct acaacccca attaaaaatg 180
47 tggtttggtc ttctcccctt tcgctcgccg ctacacaggg a          221
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 224
51 <212> TYPE: DNA
52 <213> ORGANISM: Chlamydomphila
54 <400> SEQUENCE: 3
55 tgagagtggg tccccagat tcagactagg tttcacgtgt ctageccctac tcaggtatcg 60
56 aatagagtct ctgttttttc cgtctacggg actaacaccc tgtatcgttc tactttccag 120
57 aagtattcga ctaaaactta agatcccatg ttatcgaccc tacaacccca cattaaaaat 180
58 gtggtttggg cttctcccct tttegtctcgk ccgytatcac aggg          224
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 221

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```

62 <212> TYPE: DNA
63 <213> ORGANISM: Chlamydomophila
65 <400> SEQUENCE: 4
66 gadagtggtc tccccagatt cadactaggt ttcacgtgtc tagccctact caggtatcga 60
67 atagagtctc ttgttttttc gtctacggga ctatcacctt gtatcgttct acttttcaga 120
68 agtattcgac taawwcttaa gatcccatgt tatcgaccct acaacccac attwwwatg 180
69 tggtttggtc ttctccctt tygctcgccg ctacacaggg a 221
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 217
73 <212> TYPE: DNA
74 <213> ORGANISM: Chlamydomophila
76 <400> SEQUENCE: 5
77 tgagagtggg ctccccagat tcagactagg tktcacgtgt ctagccctac tcaggtatcg 60
78 aatagagtct cttgttttkt cgtctacggg actatcaccc tgtatcgttc tactttccca 120
79 gaagtattcg actaaaahct taagatcccc atgttatcga cctacaacc cccacatdaa 180
80 aaatgtggtt tggctctctc ccctttcgct cgccgct 217
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 221
84 <212> TYPE: DNA
85 <213> ORGANISM: Chlamydomophila
87 <400> SEQUENCE: 6
88 gabagtggtc tccccagatt cagactaggt ttcacgtgtc tagccctact caggtatcga 60
89 atagagtctc ttgttttttc gtctacggga ctatcacctt gtatcgttct actttccaga 120
90 agtattcgac taaaacttaa gatcccatgt tatcgaccct acaacccac attaaaaatg 180
91 tggtttggtc ttctccctt tcgctcgccg ctactcaggg a 221
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 220
95 <212> TYPE: DNA
96 <213> ORGANISM: Chlamydomophila
98 <400> SEQUENCE: 7
99 tgagagtggg ctccccagat tcagtcaaaa ttcacgtgt tccgacctac tcaggatact 60
100 attagtatta ttgagaatbt taattacagg agtatcacct tctatgctct agtttccaac 120
101 taattcatct attctcttta attacacatt atagtcctac aacccccmaa tgcaagcatt 180
102 gggtttgtcc taatcccagt tcgctcgccg ctacacaggg 220
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 220
106 <212> TYPE: DNA
107 <213> ORGANISM: Chlamydomophila
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: 174
112 <223> OTHER INFORMATION: n = A,T,C or G
114 <400> SEQUENCE: 8
115 tgagagtggg ctccccagat tcagactagg tttcacgtgt ctagccctac tcaggtatcg 60
116 aatagagtct cttgtttttt tgtctacggg actatcaccc tgtatcgttc tactttccag 120
W--> 117 aagtattcga ctaaaactta agatcccatg ttatcgacc tacaaccca catnaaaat 180
118 gtggtttggg cttctccctt ttgctcgcc gctacacagg 220
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 28

```

RAW SEQUENCE LISTING

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Input Set : A:\ERP02.001APC1 SEQLIST.txt

Output Set: N:\CRF4\01092007\J563199.raw

122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: PCR primer
128 <400> SEQUENCE: 9
129 gatgccttgg cattgatagg cgatgaag 28
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 21
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: PCR primer
139 <400> SEQUENCE: 10
140 tggctcatca tgcaaaaggc a 21

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/563,199

DATE: 01/09/2007
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Input Set : A:\ERP02.001APC1 SEQLIST.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; N Pos. 174

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/563,199

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Input Set : A:\ERP02.001APC1 SEQLIST.txt

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L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:120